

FORM PTO-1449

U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

U 011574-0

08/981,360

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Kari KIRJAVAINEN, et al.

FILING DATE

GROUP

December 18, 1997

-- 1772

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
CB	AA		3	4	2	5	4	5	5	2/1969	KILPERT, ET AL.	138	143	—
	AB													
	AC													
	AD													
	AE													
	AF													
	AG													
	AH													
	AI													
	AJ													
	AK													

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO
CB	AL	0	3	5	3	9	7	7		2/1990	EP	—	—	X	
CB	AM		5	6	8	1	4	8		10/1975	CH	—	—		X
	AN														
	AO														
	AP														

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

EXAMINER

Chi Brumby

DATE CONSIDERED 4/22/03

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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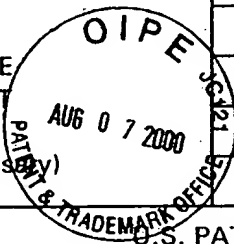
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CB	AA	4 6 4 0 3 1 3	2/1987	STANLEY	138	141	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CB	AL	0 0 2 4 2 2 0	2/1981	EP	—	—		X
CB	AM	0 5 8 1 2 0 8	2/1994	EP	—	—		X
CB	AN	3 5 1 1 3 7 1	10/1986	DE	—	—		X
CB	AO	0 0 4 8 5 2 2	3/1982	EP	—	—	X	
CB	AP	5 8 0 2 0 8 6	11/1986	AU	—	—	X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	AR	
	AS	
	AT	

EXAMINER

Chris Brown

DATE CONSIDERED 4/22/03

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REFERENCE DESIGNATION										U.S. PATENT DOCUMENTS		
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	FILING DATE IF APPROPRIATE
	AA	3	4	2	5	4	5	5		2/1969	KILPERT, et al.	138
	AB											
	AC											
	AD											
	AE											
	AF											
	AG											
	AH											
	AI											
	AJ											
	AK											

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		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
	AL	5	6	8	1	4	8	10/1975	CH					X
CB	AM	0	4	1	0	5	0	3	1/1991	EP	—	—		X
CB	AN		8	4	8	4	2	3	9/1960	GB	—	—	X	
CB	AO	5	8	2	7	0	4	0	2/1983	JP	—	—		X
CB	AP	2	0	5	1	3	9	0	4/1972	DE	—	—		X

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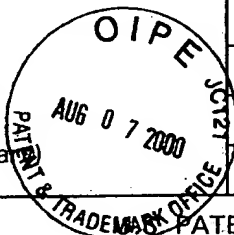
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	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CB	BL	2 2 1 8 7 7 3	11/1989	GB	—	—	X	
CB	BM	4 0 3 9 7 5 7	4/1992	DE	—	—		X
	BN							
	BO							
	BP							

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	BR	
	BS	
	BT	

EXAMINER

Ch. Boris

DATE CONSIDERED

4/22/03

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	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CB	BL	8 4 0 1 9 2 0	5/1984	WO	—	—	X	
	BM							
	BN							
	BO							
	BP							

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

CB	BR	Richard, K., et al., "Verfestigte Rohre aus Ziegler-Polyäthylen," Kunststoffe, vol. 50, no. 7, pp 371-375, 1960
CB	BS	Derwent's abstract of JP5024109 of Feb. 2, 1993
	BT	

EXAMINER

Chris B...

DATE CONSIDERED

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REFERENCE DESIGNATION										U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER										DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CB	CA	3	3	1	4	1	0	8			4/1963	WIENAND, et al.	18	12	—	
CB	CB	5	3	8	7	3	8	6			2/1995	K. KIRJAVAINEN	264	173	—	
	CC															
	CD															
	CE															
	CF															
	CG															
	CH															
	CI															
	CJ															
	CK															

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		DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
																YES	NO
CB	CL	0	4	7	2	4	1	8			2/1992	EP	—	—	X		
CB	CM	8	9	9	0	6	7	7	9	7	4/1994	EP	—	—	X		
CB	CN	1	0	9	2	1	8	6			11/1960	DE	—	—		X	
CB	CO		3	7	2	2	1	4			3/1923	DE	—	—		X	
CB	CP	1	4	5	4	7	6	2			5/1969	DE	—	—		X	

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)														
CB	CR	Derwent's abstract of JP1114418 of May 8, 1989												
CB	CS	Derwent's abstract of SU1384-394-A of Jan. 14, 1986												
	CT													

EXAMINER	<i>Chie Brown</i>	DATE CONSIDERED	4/22/03
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	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
CB	DL	3 9 2 0 4 5	9/1965	CH	—	—		X
CB	DM	0 1 5 3 7 1 5	9/1985	EP	—	—	X	
	DN							
	DO							
	DP							

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

	DR	
	DS	
	DT	

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